M6P or M6P-Oligosaccharide

M6P or M6p-Oligosaccharide-hydrazine

$$CH_2OPO_3H_2$$

$$HO \longrightarrow OH \longrightarrow H_2O \longrightarrow CH_2OPO_3H_2$$

$$+ \longrightarrow HO \longrightarrow OH$$

$$NH_2NH_2$$

$$NH_2NH_2$$

H₂O₃POH₂C

O--xxx--Protein

СН2ОН

 CH_2OpO_2H_2

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O--xxx--Protein

Oxidized Glycoprotein

Glycoprotein

Glycoprotein with M6Ps

Yunxiang Zhu

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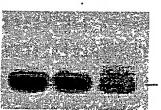
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Avidin

1 2 3

Figure 2

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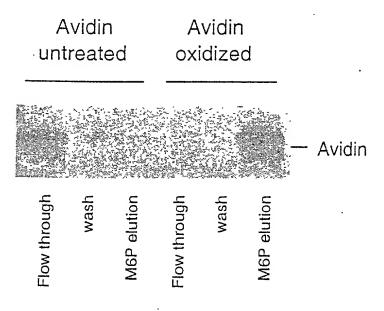


Figure 3

METHODS FOR INTRODUCING MANNOSE 6-PHOSPHATE AND OTHER OLIGOSACHARIDES ONTO GLYCOPROTEINS AND

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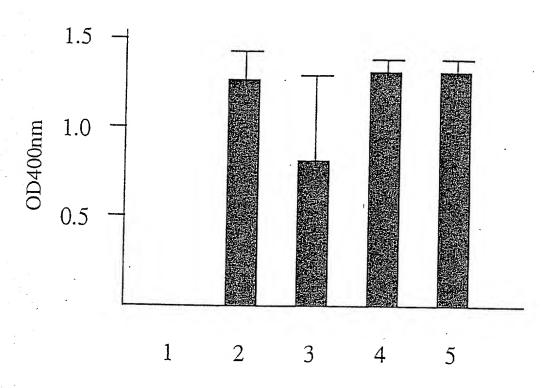


Figure 4

METHODS FOR INTRODUCING MANNOSE 6-PHOSPHATE AND OTHER OLIGOSACHARIDES ONTO GLYCOPROTEINS AND \dots ...

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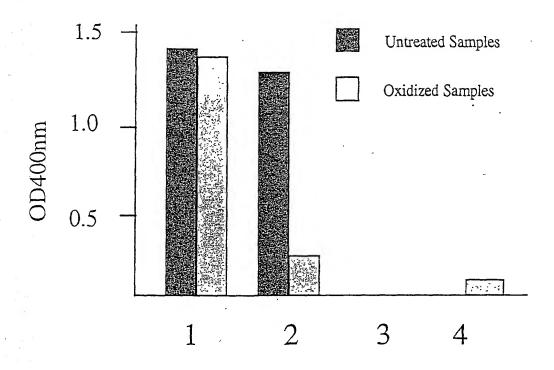


Figure 5